

Full Product Description

All goods are sold under New Zealand Terms and Conditions of ESCORT Data Logging Systems Ltd. Prices do not contain GST and freight.

ESCORT iLog



The ESCORT data logger range provides turn key data logging solutions and features:

- Decision Making at a glance
- Convenient Quick Download
- 0.1°C Resolution Providing An Information Advantage
- Intuitive Software for Ease of Use
- Escort Console Software and Accessories Compatible
- Required accessories – Logger Interface (EA-INT-U or EA-INT-USB) and magnetic key ring (JA-KEY)



ESCORT iLog EI-IN-D-32-L

- 1 Internal Temperature sensor
- Internal Sensor -40 °C to +70°C
- Internal Sensor Accuracy $\pm 0.3^{\circ}\text{C}$
- Internal Sensor Resolution 0.1°C
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 67
- Size 76 x 86 x 18mm
- Software ESCORT Console

ESCORT iLog 1x Internal Temperature Loggers



ESCORT iLog EI-1E-D-32-L

- 1 Internal and 1 External Temperature sensors
- Internal Sensor -40 °C to +70°C
- External Sensor -40 °C to +70°C
- Internal & External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- Internal & External Sensors Resolution 0.1°C
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 67
- Size 76 x 86 x 18mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console

ESCORT iLog 1x Internal, 1x External Temperature Logger



ESCORT iLog EI-1E-DC-32-L

- 1 Internal and 1 External Temperature sensors
- Internal Sensor -40 °C to +70°C
- External Sensor -20°C to +100°C
- Internal & External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- Internal & External Sensors Resolution 0.1°C
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 67
- Size 76 x 86 x 18mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console

ESCORT iLog 1x Internal, 1x External Temperature Logger



ESCORT iLog 1x Internal, 1x External Temperature Logger

- 1 Internal and 1 External Temperature sensors
- Internal Sensor -40 °C to +70°C
- External Sensor -100°C to +40°C
- Sensors Accuracy - Internal $\pm 0.3^{\circ}\text{C}$, External $\pm 0.5^{\circ}\text{C}$
- Internal & External Sensors Resolution 0.1°C
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 67
- Size 76 x 86 x 18mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console



ESCORT iLog with 2x External Temperature Sensors

- 2 External Temperature sensors (no internal)
- External Sensors -40 °C to +70°C
- External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- External Sensors Resolution 0.1°C
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 51
- Size 76 x 86 x 18mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console



ESCORT iLog with 2x External Temperature Sensors

- 2 External Temperature sensors (no internal)
- External Sensors -20 °C to +100°C
- External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- External Sensors Resolution 0.1°C
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 51
- Size 76 x 86 x 18mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console



ESCORT iLog Humidity & Temperature Logger

- 1 Internal and 1 Humidity Temperature sensors
- Temperature Sensor -40 °C to +70°C
- Temperature Sensor Accuracy $\pm 0.3^{\circ}\text{C}$
- Temperature Sensor Resolution 0.1°C
- Humidity Sensor 0 - 100% RH
- Humidity Sensor Accuracy $\pm 3\%$
- Humidity Sensor Resolution $0.1\% \text{ RH}$
- Memory 32,000 samples
- Active & Alarm LED's
- LCD Display
- IP Rating 51
- Size 76 x 86 x 28mm
- Software ESCORT Console

ESCORT JUNIOR



The extensive Escort Junior data logger range offers cost effective options for monitoring a wide range of applications:

- Transport & Storage
- Horticulture, Environmental, Industry, Building & Energy Management
- Food & Beverage Industries
- Escort Console Software and Accessories Compatible
- Required accessories – Logger Interface (EA-INT-U or EA-INT-USB) and magnetic key ring (JA-KEY)



ESCORT JUNIOR EJ - IN
Internal Temperature Data Logger

- 1 Internal Temperature Sensor
- Internal Sensor -40 °C to + 70 °C
- Internal Sensor Accuracy ± 0.3 °C
- Internal Sensor Average Resolution 0.5 °C
- Resolution between -10 °C and +30 °C is 0.3 °C
- Memory Options: 2,000, 16,000 & 40,000 samples
- Active & Alarm LED's
- Optional LCD display
- IP Rating 67
- Size 76 x 86 x 18 mm
- Software ESCORT Console



ESCORT JUNIOR EJ - 1E
Internal / External Temperature Data Logger

- 1 Internal & 1 External Temperature Sensors
- Internal Sensor -40 °C to + 70 °C
- External Sensor -40 °C to + 70 °C or -20°C to +100°C or -100°C to +40°C
- Internal Sensor Accuracy ± 0.3 °C
- Internal Sensor Resolution 0.5 °C
- External Sensor Accuracy ± 0.3 °C
- External Sensor Resolution 0.5 °C
- Memory Options: 16,000 & 40,000 samples
- Active & Alarm LED's
- Optional LCD display
- IP Rating 51
- Size 76 x 86 x 18 mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console



ESCORT JUNIOR EJ - 2E
External Temperature Data Logger

- 2 External Temperature Sensors
- External Sensor -40 °C to + 70 °C or -20°C to +100°C
- External Sensor Accuracy ± 0.3 °C
- External Sensor Average Resolution 0.5 °C
- Memory Options: 16,000 & 40,000 samples
- Active & Alarm LED's
- Optional LCD display
- IP Rating 51
- Size 76 x 86 x 18 mm
- Stainless Steel Probe Size 80 x 4.5 mm, Cable length 1m
- Software ESCORT Console



ESCORT JUNIOR Temperature & Humidity Data Logger

- 1x Temperature and 1x Humidity Temperature sensors
- Temperature Sensor -20°C to +60°C
- Temperature Sensor Accuracy $\pm 0.3^{\circ}\text{C}$
- Temperature Sensor Resolution 0.3°C
- Humidity Sensor 0 - 100% RH
- Humidity Sensor Accuracy $\pm 3\%$
- Humidity Sensor Resolution $0.5\% \text{ RH}$
- Memory Options: 16,000 & 40,000 samples
- Active & Alarm LED's
- Optional LCD display
- IP Rating 51
- Size 76 x 86 x 18 mm (excluding humidity crown)
- Software ESCORT Console



ESCORT JUNIOR Egg Shaped Temperature Data Logger

- 1 Internal Temperature Sensor
- Internal Sensor Measuring range: -20°C to +60°C
- Internal Sensor Accuracy $\pm 0.3^{\circ}\text{C}$
- Internal Sensor Resolution 0.3°C
- Memory Options: 16,000 samples
- IP Rating 51
- Size height 59 mm x diameter 45 mm
- Software ESCORT Console



ESCORT JUNIOR Analogue Input Data Logger

- Used to log signals typically generated by instruments measuring voltage, current, CO2, etc.
- interfaces: 4-20mA, 0-1V or 0-10V signals
- Memory Options: 16,000 samples & 40,000 samples
- Active & Alarm LED's
- IP Rating 51
- Size 76 x 86 x 18 mm
- Software ESCORT Console



ESCORT JUNIOR Thermocouple Data Logger

- K type thermocouple Temperature sensor
- K 5 Sensor Range: 0°C to $+500^{\circ}\text{C}$
- K 1 Sensor Range: 0°C to $+1000^{\circ}\text{C}$
- Memory Options: 16,000 samples & 40,000 samples
- Active & Alarm LED's
- Optional LCD Display
- IP Rating 51
- Size 76 x 86 x 18 mm
- Software ESCORT Console



ESCORT Junior Body Temperature Data Logger

- 1 External Temperature Sensor (no internal sensor)
- External Sensor Measuring range: $+20^{\circ}\text{C}$ to $+45^{\circ}\text{C}$
- External Sensor Accuracy $\pm 0.1^{\circ}\text{C}$
- External Sensor Average Resolution 0.1°C
- Memory Options: 16,000 samples & 40,000 samples
- Active & Alarm LED's
- Optional LCD display
- IP Rating 51
- Size 76 x 86 x 18 mm
- Software ESCORT Console



ESCORT High Temperature

ESCORT High Temperature data loggers in stainless steel cases are well suited to a variety of industries and applications including:

- Raw materials storage
- Culture room & laboratories
- Medical & Pharmaceuticals
- Catering
- Food & Beverage industries
- Required accessories – Logger Interface (EA-INT-U or EA-INT-USB) and magnetic key ring (JA-KEY)



ESCORT High Temperature Auto Clave Logger

- External Temperature Sensor
- External Sensor 25°C to +150°C
- External Sensor Accuracy $\pm 0.5^{\circ}\text{C}$
- External Sensor Resolution 0.5°C
- Rated at a max of 125°C for continuous use, or 150°C at 5 bar for 30 Minutes or 60 minutes at normal pressure (if starting from room temperature)
- Memory Options: 2000 samples
- IP Rating 68
- Size 68 x 43 x probe height 50 mm
- Probe diameter 4.5mm
- Software ESCORT Console



ESCORT High Temperature Junior Data Logger

- 1x External fitted Probe Sensor
- Probe diameter 4.2mm
- Probe length 25mm
- External Sensor Measuring range: 0°C to $+125^{\circ}\text{C}$
- External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- External Sensors Resolution 0.5°C
- Memory Options: 16,000 & 40,000 samples
- IP Rating 68
- Software ESCORT Console



ESCORT High Temperature Junior Data Logger

- 1x External fitted Probe Sensor
- Probe diameter 4.2mm
- Probe Length 80mm
- External Sensor Measuring range: 0°C to $+125^{\circ}\text{C}$
- External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- External Sensors Resolution 0.5°C
- Memory Options: 16,000 & 40,000 samples
- IP Rating 68
- Software ESCORT Console



ESCORT High Temperature Food Pasteurisation Data Logger

- 2x External fitted Probe Sensors
- Probe length 25 to 200mm
- Diameter - Top Probe 4.2mm, Side Probe 3.2mm
- Probe has M6 thread
- External Sensors Measuring range: 0°C to $+125^{\circ}\text{C}$
- External Sensors Accuracy $\pm 0.3^{\circ}\text{C}$
- External Sensors Resolution 0.5°C
- Memory Options: 16,000 & 40,000 samples
- IP Rating 68
- Software ESCORT Console

ESCORT Mini



The ESCORT Intelligent Mini provides key data logging solutions for a variety of industries including:

- Transport of Sensitive Cargo
- Storage of perishable goods
- Monitoring of chilled food
- Escort Console Software and Accessories Compatible



ESCORT Mini Intelligent Single Trip Temperature Logger

- 1 Internal Temperature Sensor
- Internal Sensor -40 °C to + 65 °C
- Internal Sensor Accuracy $\pm 0.5^{\circ}\text{C}$
- Internal Sensor Average Resolution 0.5 °C
- Memory Options: 1868 samples
- LCD Display
- IP Rating 51
- Size 80 x 57 x 18 mm
- Software ESCORT Console



ESCORT Mini Intelligent Temperature Logger

- 1 Internal Temperature Sensor
- Internal Sensor -40 °C to + 65 °C
- Internal Sensor Accuracy $\pm 0.5^{\circ}\text{C}$
- Internal Sensor Average Resolution 0.5 °C
- Memory Options: 1868 samples
- LCD Display
- IP Rating 51
- Size 80 x 57 x 18 mm
- Software ESCORT Console



ESCORT Mini Intelligent Temperature Logger with External Sensor

- 1 External Temperature Sensor
- External Sensor -40 °C to + 65 °C
- External Sensor Accuracy $\pm 0.5^{\circ}\text{C}$
- External Sensor Average Resolution 0.5 °C
- Memory Options: 1868 samples
- LCD Display
- IP Rating 51
- Size 80 x 57 x 18 mm
- Probe Size 80 x 4.5 x 4.5 mm, Cable length 1m
- Software ESCORT Console



ESCORT Mini 2000 Temperature Logger

- 1 Internal Temperature Sensor
- Internal Sensor -40 °C to + 70 °C
- Internal Sensor Accuracy $\pm 0.3^{\circ}\text{C}$
- Internal Sensor Average Resolution 0.5 °C
- Memory Options: 2000 samples
- Active & Alarm LED's
- IP Rating 51
- Size 80 x 52 x 18 mm

The ESCORT Wireless

The ESCORT REDi device can download up to thirty loggers at any given time and has a memory capacity capable of holding 162 logger files.

The ESCORT Wireless Mini loggers have a memory capability of two kilobytes and can store up to 1868 samples. In order to measure product and environment temperatures, the Wireless Mini logger has both internal or external sensor options and a temperature range of -40°C to +65°C.

Both products have a communication range of up to 70 metres (depending on environmental factors), can be interacted with using ESCORT Console software and have a 24 month warranty (excluding batteries).



ESCORT Mini Wireless Logger

- 1 Internal Temperature Sensor
- Internal Sensor -40°C to +65 °C
- Internal Sensor Accuracy $\pm 0.5^{\circ}\text{C}$
- Internal Sensor Average Resolution 0.5 °C
- Memory Options: 1896 samples
- LCD Display
- IP Rating 51
- Size 80 x 57 x 18 mm
- Communication frequency :
EA - RI - 8 - 868.35 MHZ (Europe & South Africa)
EA - RI - 9 - 916.5 MHZ (America, Oceania & Africa))
- Software ESCORT Console
-



ESCORT Mini Wireless Logger with External Sensor

- 1 External Temperature Sensor (no internal)
- 1 External Sensor -40°C to +65 °C
- 1 External Sensor Accuracy $\pm 0.5^{\circ}\text{C}$
- 1 External Sensor Average Resolution 0.5 °C
- Memory Options: 1896 samples
- LCD Display
- IP Rating 51
- Size 80 x 57 x 18 mm
- Probe Size 80 x 4.5 mm, Cable length 1m
- Communication frequency :
EA - RI - 8 - 868.35 MHZ (Europe & South Africa)
EA - RI - 9 - 916.5 MHZ (America, Oceania & Africa)
- Software ESCORT Console



ESCORT Wireless REDi

- Wireless receiver
- Communicate up to 162 loggers
- Memory Options: 1Mb of logged data
- LCD Display (Size 45 x 45 mm)
- IP Rating 65 (IP 67 available)
- Size 155 x 72 x 26 mm
- Software ESCORT Console
- Included - Rechargeable batteries, Charger and PC Interface
- Range – 70m
- Communication frequency :
EA - RI - 8 - 868.35 MHZ (Europe & South Africa)
EA - RI - 9 - 916.5 MHZ (America, Oceania & Africa)

ESCORT ChartReader



The ESCORT Chart Readers are a portable, battery operated download and printing solution for retrieving information from your data loggers remotely where a PC is not readily available. These products allow for fast download in easy to read graph or over/under specification list formats.



ESCORT Chart Reader – EA-CR
Mini Intelligent

- Download logged data from Mini loggers
- Print out logged data from Mini loggers
- Print out in readings / graphs
- 1 Mb Non volatile memory
- Weigh 1.125 Kilograms
- IP Rating 50
- Size 225 x 120 x 100 mm
- Escort Console software
- PC interface included
- Rechargeable batteries



ESCORT Chart Readers – MN-CR-MEM
Mini 2000

- Download logged data from M2000 loggers
- Print out logged data from M2000 loggers
- Print out in readings / graphs
- 1 Mb Non volatile memory
- Weigh 1.125 Kilograms
- IP Rating 50
- Size 225 x 120 x 100 mm
- Escort Console software
- PC interface included
- Rechargeable batteries



ESCORT Chart Readers – EJ-CR-MEM
Junior

- Download logged data from Junior loggers
- Print out logged data from Junior loggers
- Print out in readings / graphs
- 1 Mb Non volatile memory
- Weigh 1.125 Kilograms
- IP Rating 50
- Size 225 x 120 x 100 mm
- PC interface included
- Rechargeable batteries

ESCORT COOL DOWN



ESCORT Cool Down with external sensor
for monitoring the cooling of processed
food EC-OE-C-L

- 1 external temperature sensor (no internal sensor)
- External Sensor -20°C to +100°C
- External Sensor Accuracy $\pm 0.6^{\circ}\text{C}$
- External Sensor Average Resolution 0.6°C
- Real time clock accuracy
- IP Rating 51
- Size 80 x 57 x 20 mm
- Probe Size 80 x 4.5 mm, Cable length 1m
- Software



ESCORT Accessories



ESCORT Universal Interface, EA-INT-U

- The ESCORT Universal Interface will communicate with ESCORT iLog, Precision, Junior and high temperature data loggers.
- RS232 (DB9) connector



ESCORT USB Interface, EA-INT-USB

- The new ESCORT USB Interface will communicate with ESCORT iLog, Precision, Junior and high temperature data loggers.
- USB 1.0 connector



ESCORT USB to Serial Port Adapter, JA-USB-SER

- Connect MINI Intelligent, CoolDown, Mini Wireless or ESCORT logger interface to your PC with a simple serial cable.



ESCORT Alarm Link, EA-ALK

- An alarm link interface that allows the alarm status in the Junior to control an external device (i.e. siren).



ESCORT Alarm Link Interface Holder

- The Alarm Link Interface Holder is designed to hold the Alarm Link Inter-face together with a Junior Logger secure in position. Its four screw holes make it easy to fix wherever you need it to be.



ESCORT Salt Solutions kit EA-SSL-KIT

- Salt solutions nominal values: 33% & 75%
- Life span: 2+ years (depending on usage)
- Construction: ASS body with semi permeable membrane
- Software: ESCORT Commander or JCAL and ICAL DOS software provided
- Adapter for applying salt solution canister to logger provided



ESCORT Magnetic Keyring EA-KEY

- Magnetic keyring to be used when starting loggers
- Used in conjunction with ESCORT iLog, Precision, Junior and High Temperature loggers.



ESCORT Memory Upgrade

- Memory upgrade available for standard Junior loggers only (not available for iLog, Thermocouple, High Temperature, Mini Intelligent or Wireless Mini data loggers)
- Upgrade from 16k to 40k
- Product code for 40k loggers is EJ-XX-[R(R)]-40-(options) e.g. EJ-IN-D-40-L



ESCORT Traceability Certificate

- Logger-specific ISO 9002 Traceable Temperature Certification available for all ESCORT D Range loggers
- Three points at: -15°C, 0°C and +25°C
- The T option needs to be specified when ordering the logger and the product code is XX-XX-D-XX-(X)T e.g. EJ-IN-D-16-T



ESCORT Sensor JA-TSN-K1-T

- External replacement sensor for A,B,D and T range Junior and iLog loggers; 1m PVC cable, 80mm stainless steel tip, 4.5mm diameter.
- Product Code: JA-TSN-K1-T



ESCORT Sensor JA-TSN-K2-T-HT

- External replacement sensor for C,F,V and Z range Junior and iLog loggers
- 1m Teflon cable, 80mm stainless steel tip, 4.5mm diameter.
- Product Code: JA-TSN-K2-T-HT



ESCORT Sensor JA-TSN-G4-1-T

- External replacement sensor for N range Junior and iLog loggers.
- 1m Teflon cable, 80mm stainless steel tip, green shrink wrap, 4.5mm diameter.
- Product Code: JA-TSN-G4-1-T



ESCORT Additional Sensor Cable

- Special sensor length surcharge per additional metre for A,B,D and T range replacement sensors.
- Product Code JA-TSN-K1-[M]-T (M being the total length of the sensor in metres e.g. JA-TSN-K1-1.5-T)



ESCORT Additional Sensor Cable

- Special sensor length surcharge per additional metre for C,F,V and Z range replacement sensors.
- Product Code JA-TSN-K1-[M]-T (M being the total length of the sensor in metres e.g. JA-TSN-K1-1.5-T)



ESCORT No Stainless Steel Sensor

- No stainless steel tip on sensor.
- Temperature sensor is not protected
- Example product code: JA-TSN-K1-1-U



ESCORT Stainless Steel Sensor +80mm

- Special Stainless steel sensor tip
- Sensor length greater than 80mm
- Example product code: JA-TSN-K1-1-T100 (100mm tip)



ESCORT Stainless Steel Sensor -80mm

- Special Stainless steel sensor tip
- Sensor length less than 80mm
- Example product code: JA-TSN-K1-1-T25 (25mm Tip)

ESCORT Software



ESCORT Console Software

- The new ESCORT Console software will operate ESCORT iLog, Precision, Junior, Wireless and Mini loggers as well as all ESCORT ChartReaders and ESCORT REDI.
- The software runs on any IBM compatible PC under Microsoft Windows XP, 2000, Me, 98 and NT.
- User defined data analysis, e.g. calculation of pasteurisation values, fresh values, process hygiene index.
- Automatic dew-point and summary calculations of measured conditions including average, maximum and minimum. Data transfer to generic formats, e.g. Excel.
- Identification and analysis of out of specification conditions.
- View real time conditions through PC interface.
- Data encryption provides robust security
- US FDA 21 CFR Part 11 compliance made easy
- Digital signatures provide instant validation of your data
- Secure user database for use with ESCORT Console Software
- Network capable and can be installed on an organisations personal server
- Contains functionality to establish unique electronic signatures and file tracking



User Administration Package



ThermoCheck Software v 2.31

- Database driven software for ESCORT ThermoCheck
- Database capable of storing 200 different product types
- Database capable of storing 200 different processes / locations
- Capable of operating 20 different users identified by PIN code entry
- The software runs on any IBM compatible PC under Microsoft Windows XP, 2000, Me, 98 and NT.



ESCORT Cool Down Software

- For ESCORT CoolDown logger only
- The software runs on any IBM compatible PC under Microsoft Windows XP, 2000, Me, 98 and NT.
- Simple program to set the clock and preferences for time and date formats and temperature units.



ESCORT Web Track Software

- Web based Cold Chain management solution
- Provides email notification of downloaded loggers
- Program and download ESCORT data loggers via the Internet
- Compatible with ESCORT iLog, Mini and Wireless data logging products
- Shipper has ability to view logger data immediately upon download by receiver
- US FDA 21 CFR Part 11 compliance when used with the digital signatures module



ESCORT ThermoCheck



ESCORT ThermoCheck - TC-MKV

- Database of 200 Different Product Types
- Database of 200 Different processes/locations
- Database of Critical Temperature by Product
- Database of 20 Different User Id's
- PC Storage for Program and Data Storage
- K & T Type Thermocouple Probe Types
- Measuring range: -40°C to 300°C
- Accuracy $\pm 0.9^{\circ}\text{C}$
- Resolution 0.1°C
- LCD Display (Size 45 x 45 mm)
- IP Rating 65 (IP 67 available)
- Software Escort ThermoCheck
- Interface and rechargeable batteries included
- Battery charger sold separately



ESCORT ThermoCheck Kit – TC-KIT

- 1x carry case with protective foam insert
- 1x ThermoCheck handheld unit
- 1x Battery Charger
- 1x ThermoCheck to PC interface
- 1x Rubber boot
- 1x ThermoCheck Software Licence
- 1x General Purpose K or T type probe
- 1x User manual



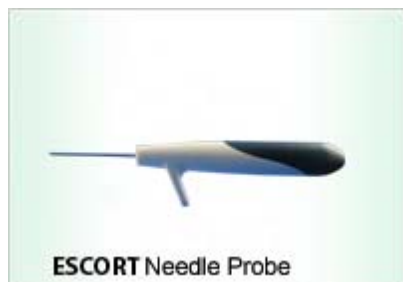
ESCORT Probes

- Connector Type - Thermocouple
- Cable Length - 1 Metre (3.3 feet) – retractable
- Handle Length - 143mm (5.6")
- Handle Width - 25mm (1")
- Strength – Push - 25kgf (53 lbf)
- Strength – Pull - 25kgf (53 lbf)
- Strength – Torque - 15kg cm (33 lb inch)
- IP Rating - IP67



ESCORT K Type General Purpose Probes

- K type sensor. Strong, fast responding and suitable for a wide range of applications - liquids, semisolids, air and granular penetration. Can be used for general food penetration.
- Product Code - TC-TSN-K0234
- Max tip temperature - 1000°C (1832°F)
- Probe Length - 100mm (3.9")
- Time Const.(secs) - 0.6



ESCORT K Type Needle Probes

- K type sensor, for rapid temperature measurements of items such as food, pharmaceuticals, shellfish, rubber (e.g. car tyres).
- Product Code - TC-TSN-K0112
- Max tip temperature - 400°C (752°F)
- Probe Length - 60mm (2.4")
- Time Const.(secs) - 0.5



ESCORT K Type Air Between Pack Probes

- K type sensor. The sensor is encased at the end of a long flat probe, which is designed to slide between food packs without causing damage.
- Product Code - TC-TSN-K0834
- Max tip temperature - 100°C (212°F)
- Probe Length - 120mm (4.7")
- Time Const.(secs) - 0.5



ESCORT K Type Surface Probes

- K type sensor. Providing a fast response and comprising of a 3.5mm diameter spring loaded copper disc to allow uniform pressure on surface to be measured.
- Product Code - TC-TSN-K0454
- Max tip temperature - 500°C (932°F)
- Probe Length - 60mm (2.4")
- Time Const.(secs) - 0.4



ESCORT T Type General Purpose Probes

- T type sensor. Strong, fast responding and suitable for a wide range of applications - liquids, semisolids, air and granular penetration. Can be used for general food penetration.
- Product Code - TC-TSN-T0234
- Max tip temperature - 250°C (482°F)
- Probe Length - 100mm (3.9")
- Time Const.(secs) - 0.6



ESCORT T Type Needle Probes

- T type sensor, for rapid temperature measurements of items such as food, pharmaceuticals, shellfish, rubber (e.g. car tyres).
- Product Code - TC-TSN-T0112
- Max tip temperature - 400°C (752°F)
- Probe Length - 60mm (2.4")
- Time Const.(secs) - 0.5



ESCORT T Type Air Between Pack Probes

- T type sensor. The sensor is encased at the end of a long flat probe, which is designed to slide between food packs without causing damage.
- Product Code - TC-TSN-T0834
- Max tip temperature - 100°C (212°F)
- Probe Length - 120mm (4.7")
- Time Const.(secs) - 0.5



ESCORT PRECISION

- High quality machined chrome plated brass cases (optional stainless steel)
- Extremely robust and durable
- Up to eight sensor inputs logging different signals
- Thermocouples, humidity, analogue, pulse and pH
- Escort Console Software and Accessories Compatible
- Required accessories – Logger Interface (EA-INT-U or EA-INT-USB) and magnetic key ring (JA-KEY)



ESCORT PRECISION Temperature Recorder Data Logger

- 1 internal Temperature Sensor
- Internal Sensor -40 °C to + 70 °C
- Internal Sensor Accuracy ± 0.3 °C
- Internal Sensor Resolution 0.1°C (configurable)
- Pressure tested to 4 bar
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 68
- Software ESCORT Console



ESCORT PRECISION Temperature Recorder Data Logger

- 1 Internal Temperature Sensor & 4 External Sensors input
- User configurable resolution
- Internal Sensor D Range -40 °C to + 70 °C (0.1°C average resolution)
- External Range C Range* -20 °C to + 100 °C (0.12°C resolution)
- External Range Z Range* 0 °C to + 150 °C (0.15°C resolution)
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 61
- Software ESCORT Console



ESCORT PRECISION Temperature Recorder Data Logger

- 8 External Temperature Sensors input
- User configurable resolution
- External Sensor D Range -40 °C to + 70 °C (0.1°C resolution)
- External Sensor C Range* -20 °C to + 100 °C (0.12°C resolution)
- External Sensor Z Range* 0 °C to + 150 °C (0.15°C resolution)
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 61
- Software ESCORT Console



ESCORT PRECISION Temperature / Humidity Recorder Data Logger

- Internal Air Temperature and Humidity Sensor
- User configurable resolution
- Internal Sensor 40 °C to + 70 °C
- Internal Sensor Accuracy ± 0.3 °C
- Internal Sensor Resolution 0.1°C
- Humidity Sensor 0/100% RH
- Humidity Sensor Accuracy $\pm 2\%$ RH
- Humidity Sensor Resolution 1% RH
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 61
- Software ESCORT Console



ESCORT PRECISION Temperature / Humidity Recorder Data Logger

- Internal + Air Temperature and Humidity Sensors plus Four External Sensor Inputs
- User configurable resolution
- D Range -40 °C to + 70 °C (0.1°C resolution)
- C Range* -20 °C to + 100 °C (0.12°C resolution)
- Z Range* 0 °C to + 150 °C, accuracy $\pm 0.3^\circ\text{C}$, resolution 0.1° C
- Resolution 0.1°C
- Records signals of pulse per units time
- Analogue Adaptor compatible, PT 100 Adaptor compatible, Thermocouple Adaptor compatible, PH Adaptor compatible
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 61
- Software ESCORT Console



ESCORT PRECISION PC Interface

- Connect to PC to download and program logger (no software included).



ESCORT PRECISION Analogue Adaptors

- Connect to any ESCORT PRECISION Data Loggers with external input
- Thermocouple adaptor interfaces to k type thermocouple 0 - 500 °C or 0 - 1000°C
- pH adaptor interfaces to standard glass electrodes
- Pt 100 adaptor Interfaces to PT 100 4 - wire sensor - 50°C / +250°C, - 200°C / +300°C, or - 50°C / +600°C
- Analogue adaptor interfaces to 0 - 20mA, 0 - 2V and 0 - 10V



ESCORT PRECISION Liquid Pasteurisation Temperature Data Logger

- 1 Internal & 1 External fitted Probe Sensors
- Internal Sensor -20°C to +100°C
- Internal Sensor Accuracy $\pm 0.3^\circ\text{C}$
- Internal Sensor Resolution 0.12°C
- External Sensor -20°C to +100°C
- External Sensor Accuracy $\pm 0.3^\circ\text{C}$
- External Sensor Resolution 0.12°C
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 68
- Software ESCORT Console



ESCORT PRECISION High Temperature

- 1 Internal High Temperature Sensor & 4 External Sensors input
- Internal Sensor C Range -20 °C to + 100 °C (0.1°C resolution)
- External Range C Range* -20 °C to + 100 °C (0.12°C resolution)
- External Range Z Range* 0 °C to + 150 °C (0.15°C resolution)
- Memory Options: 24,000 high - 60,000 low resolution
- IP Rating 61

Demo Kits



ESCORT Demo Kit One EA-KIT-1

- 1x EA-INT-USB With Software
- 1x EI-1E-D-32-L With Probe JA-TSN-K1-1-T
- 1x EI-HS-D-32-L
- 1x MI-OE-D-2-LR8 OR LR9 (depending on country)
- 1x MI-IN-D-2-LR8 OR LR9 (depending on country)
- 1x EA-RI-8 OR 9 (depending on country) With Interface
- 1x EJ-IN-D-16
- 1x JA-SWP-WIN
- 1x JA-KEY
- 2x CD's consisting of product images, brochures, specification sheets, instruction manuals and PowerPoint presentations.



ESCORT Demo Kit Two EA-KIT-2

- 1x EA-INT-USB With Software
- 1x EI-1E-D-32-L With Probe JA-TSN-K1-1-T
- 1x EI-HS-D-32-L
- 1x MI-IN-D-2-L
- 1x Dummy MI-IN-D-2-LR8 OR LR9 (depending on country)
- 1x Dummy EA-RI-8 OR 9 (depending on country)
- 1x EJ-IN-D-16
- 1x JA-SWP-WIN
- 1x JA-KEY
- 2x CD's consisting of product images, brochures, specification sheets, instruction manuals and PowerPoint presentations.



ESCORT Demo Kit Three EA-KIT-3

- 1x EA-INT-USB With Software
- 1x Dummy EI-1E-D-32-L
- 1x Dummy EI-HS-D-32-L
- 1x Dummy MI-IN-D-2-L
- 1x MI-IN-D-2-LR8 OR LR9 (depending on country)
- 1x EA-RI-8 OR 9 (depending on country) With Interface
- 1x Dummy EJ-IN-D-16
- 1x JA-SWP-WIN
- 1x JA-KEY
- 2x CD's consisting of product images, brochures, specification sheets, instruction manuals and PowerPoint presentations.